

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Blanks

Blanks	Hg
ND15	The following samples have analyte results greater than or equal to MDLs. The associated ICB analyte results are less than or equal to -MDLs but greater than or equal to -CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M91, MF9M91D, MF9M91S, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Mercury MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M91, MF9M91D, MF9M91S, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
Blanks	Hg
ND16	The following samples have analyte results greater than or equal to MDLs. The associated CCB analyte results are less than or equal to -MDLs but greater than or equal to -CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M91, MF9M91D, MF9M91S, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Mercury MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M91, MF9M91D, MF9M91S, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Blanks

Blanks	ICP_AES
ND03	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs. PBS, MF9K00, MF9M82, MF9M84, MF9M90, MF9M91L Potassium PBS , MF9K00 , MF9M82 , MF9M84 , MF9M90 , MF9M91L
Blanks	ICP_AES
ND04	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs. PBS, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M90, MF9M91, MF9M91D, MF9M91L, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99, MF9M89 Sodium PBS , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M90 , MF9M91 , MF9M91D , MF9M91L , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99 , MF9M89 Calcium PBS , MF9M91L Potassium PBS , MF9K00 , MF9M82 , MF9M84 , MF9M90 , MF9M91L Iron PBS
Blanks	ICP_AES
ND05	The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes. LCS, MF9M83, MF9M85, MF9M86, MF9M87, MF9M88, MF9M91, MF9M91D, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99, MF9M89 Potassium LCS , MF9M83 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M91 , MF9M91D , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99 , MF9M89
Blanks	ICP_AES
ND06	The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes. LCS, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M90, MF9M91, MF9M91D, MF9M91L, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99, MF9M89 Sodium LCS Calcium LCS , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M90 , MF9M91 , MF9M91D , MF9M91L , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99 , MF9M89 Potassium LCS , MF9K00 , MF9M85 , MF9M86 , MF9M88 , MF9M91 , MF9M91D , MF9M91L , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M97 , MF9M98 , MF9M99 , MF9M89 Manganese LCS , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M90 , MF9M91 , MF9M91S , MF9M91D , MF9M91L , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99 , MF9M89 Iron LCS , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M90 , MF9M91 , MF9M91D , MF9M91L , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99 , MF9M89
Blanks	ICP_AES
NE04	The following samples have analyte results greater than or equal to MDLs but less than or equal to CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Blanks

Blanks	ICP_AES
	MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M90, MF9M91, MF9M91D, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99, MF9M89
	Sodium MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M90 , MF9M91 , MF9M91D , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99 , MF9M89
	Potassium MF9K00 , MF9M82 , MF9M84 , MF9M90
Blanks	ICP_AES
NE05	The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes
	LCS, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M90, MF9M91, MF9M91D, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99, MF9M89, MF9M91L
	Sodium LCS
	Calcium LCS , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M90 , MF9M91 , MF9M91D , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99 , MF9M89
	Potassium LCS , MF9M83 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M91 , MF9M91D , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Iron LCS , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M90 , MF9M91 , MF9M91D , MF9M91L , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99 , MF9M89

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Blanks

Blanks	ICP_MS
ND03	<p>The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.</p> <p>PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p> <p>Cobalt PBS</p> <p>Beryllium PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p> <p>Antimony PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p> <p>Thallium PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p> <p>Cadmium PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p> <p>Silver PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p> <p>Lead PBS</p>
Blanks	ICP_MS
ND04	<p>The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs.</p> <p>PBS, MF9M91L, MF9M91, MF9M91D, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p> <p>Vanadium PBS, MF9M91L</p> <p>Chromium PBS</p> <p>Cobalt PBS</p> <p>Barium PBS</p> <p>Nickel PBS</p> <p>Beryllium PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p> <p>Antimony PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p> <p>Thallium PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p> <p>Cadmium PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p> <p>Copper PBS, MF9M91L</p> <p>Silver PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99</p>

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Blanks

Blanks	ICP_MS
Lead PBS	
Blanks	ICP_MS
ND05	The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS, MF9M91, MF9M91S, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99, MF9M91A
	Cobalt LCS, MF9M91, MF9M91S, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Beryllium LCS, MF9M91S
	Antimony LCS, MF9M91S, MF9M91A
	Thallium LCS, MF9M91S
	Cadmium LCS, MF9M91S
	Silver LCS, MF9M91S
	Lead LCS, MF9M91, MF9M91S, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
Blanks	ICP_MS
ND06	The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes.
	LCS, MF9M91, MF9M91S, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99, MF9M91A
	Vanadium LCS, MF9M91, MF9M91S, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Chromium LCS, MF9M91, MF9M91S, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Cobalt LCS, MF9M91, MF9M91S, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Barium LCS, MF9M91, MF9M91S, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Nickel LCS, MF9M91, MF9M91S, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Beryllium LCS, MF9M91S
	Antimony LCS, MF9M91S, MF9M91A
	Thallium LCS, MF9M91S
	Cadmium LCS, MF9M91S
	Copper LCS, MF9M91, MF9M91S, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Blanks

Blanks	ICP_MS
	Silver LCS , MF9M91S
	Lead LCS , MF9M91 , MF9M91S , MF9M91D , MF9M91L , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
Blanks	ICP_MS
NE04	The following samples have analyte results greater than or equal to MDLs but less than or equal to CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs. MF9M91, MF9M91D, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Beryllium MF9M91 , MF9M91D , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Antimony MF9M91 , MF9M91D , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Thallium MF9M91 , MF9M91D , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Cadmium MF9M91 , MF9M91D , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Silver MF9M91 , MF9M91D , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
Blanks	ICP_MS
NE05	The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes. LCS, MF9M91, MF9M91S, MF9M91D, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99, MF9M91L, MF9M91A
	Vanadium LCS , MF9M91 , MF9M91S , MF9M91D , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Chromium LCS , MF9M91 , MF9M91S , MF9M91D , MF9M91L , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Nickel LCS , MF9M91 , MF9M91S , MF9M91D , MF9M91L , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Copper LCS , MF9M91 , MF9M91S , MF9M91D , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Lead LCS , MF9M91 , MF9M91S , MF9M91D , MF9M91L , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Barium LCS , MF9M91 , MF9M91S , MF9M91D , MF9M91L , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Cobalt LCS , MF9M91 , MF9M91S , MF9M91D , MF9M91L , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Zinc LCS , MF9M91 , MF9M91S , MF9M91D , MF9M91L , MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99
	Beryllium LCS , MF9M91S

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Blanks

Blanks	ICP_MS
	Antimony LCS , MF9M91S , MF9M91A
	Cadmium LCS , MF9M91S
	Thallium LCS , MF9M91S
	Silver LCS , MF9M91S

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Detection Limit

Detection Limit	Hg
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J.
	MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M91, MF9M91D, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Mercury MF9K00 , MF9M82 , MF9M83 , MF9M84 , MF9M85 , MF9M86 , MF9M87 , MF9M88 , MF9M89 , MF9M90 , MF9M91 , MF9M91D , MF9M92 , MF9M93 , MF9M94 , MF9M95 , MF9M96 , MF9M97 , MF9M98 , MF9M99

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Detection Limit

Detection Limit	ICP_AES
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J. PBS, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M90, MF9M91, MF9M91D, MF9M91L, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99, MF9M89
	Sodium PBS, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M90, MF9M91, MF9M91D, MF9M91L, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99, MF9M89
	Calcium PBS, MF9M91L
	Potassium PBS, MF9K00, MF9M82, MF9M84, MF9M90, MF9M91L
	Magnesium MF9K00, MF9M82, MF9M83, MF9M84, MF9M90, MF9M91L
	Iron PBS

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Detection Limit

Detection Limit	ICP_MS
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J.
	PBS, MF9M91L, MF9M94, MF9M91, MF9M91D, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Vanadium PBS, MF9M91L
	Chromium PBS
	Nickel PBS
	Copper PBS, MF9M91L
	Lead PBS
	Selenium MF9M94
	Barium PBS
	Cobalt PBS
	Zinc PBS
	Beryllium PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Antimony PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Cadmium PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Thallium PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Silver PBS, MF9M91, MF9M91D, MF9M91L, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Duplicates

Duplicates	ICP_AES
NI03	The following Duplicate and original sample results are greater than 5xCRQL and RPD is greater than 20. The original sample results are greater than or equal to MDLs. Detected analytes are qualified J. Nondetected analytes are qualified UJ.
	MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M90, MF9M91, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99, MF9M89
	Aluminum MF9M91D

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9K00 Case 45299 Contract EPW09036 Region 6 DDTID 216801 SOW ISM01.3

Data Review Reports

Matrix Spikes

Matrix Spikes	ICP_MS
NG08	The following Matrix Spike samples have percent recoveries less than 30% and post-digestion spike samples have percent recoveries greater than or equal to 75%. Detected analytes with results greater than or equal to MDLs are qualified J. Nondetected analytes are qualified UJ. MF9M91, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Antimony MF9M91S
Matrix Spikes	ICP_MS
NG14	The following Matrix Spike samples have percent recoveries greater than 125% and post-digestion spike samples have percent recoveries less than or equal to 125%. Detected analytes with results greater than or equal to MDLs are qualified J. Nondetected analytes are not qualified. MF9M91, MF9K00, MF9M82, MF9M83, MF9M84, MF9M85, MF9M86, MF9M87, MF9M88, MF9M89, MF9M90, MF9M92, MF9M93, MF9M94, MF9M95, MF9M96, MF9M97, MF9M98, MF9M99
	Arsenic MF9M91S